

ServerOptions is *optional*. If present, the opt and opt val tokens describe X server ServerOptions that are specific to this master and will be propagated to all of the master's slaves.

ScreenOptions is *optional*. If present, the opt and opt val tokens describe X server  
5 ScreenOptions that are specific to this master and will be propagated to all of the master's slaves.

Environment is *optional*. If present, the var=val tokens list environment variables that will be set prior to starting the master and will be propagated to all of the master's slaves.

10

## Configuration Examples

To further illustrate various concepts of the invention, the following sets forth several examples.

### 15 ***1x3, non-Scalable, No Options***

In this example, a 1x3 SLS/d configuration is established (see FIG. 26) using hpmast for the Master and hpslave1, hpslave2, and hpslave3 for the slaves. All slaves can use /dev/crt as their graphics devices and no other options are required.

20

```
hpmast:/etc/X11/X0screens
```

```
    SLSd
```

25

```
        hpslave1  
        hpslave2  
        hpslave3
```

```
    SlaveLayout
```

30

```
        Rows 1  
        Columns 3
```

### **1x3, non-Scalable**

In this example, a 1x3 SLS/d configuration is established using hpmast for the Master and hpslave1, hpslave2, and hpslave3 for the slaves. A big cursor is used, all DLEs must be loaded immediately on all slaves, set the default resolution to 1024x768, set the default visual to DirectColor 24, and the slaves will have the following requirements:

hpslave1 must use /dev/crt2 and must have the environment variable OGLD\_RUN\_FAST set to 3.

hpslave2 must have the screen option HpThisIsABogusOptionSoItDoesntConfusePaul set.

hpslave3 has no specific requirements. The configuration file may be as follows:

**hpmast:/etc/X11/X0screens**

ServerOptions

HpCursorScaleFactor 2

Slave

Hostname hpslave1

Device /dev/crt2

Environment OGLD\_RUN\_FAST=3

End

Slave

Hostname hpslave2

ScreenOptions

HpThisIsABogusOptionSoItDoesntConfusePaul

End

SLSd

hpslave1

hpslave2

hpslave3

SlaveLayout

Rows 1

Columns 3

SlaveServerOptions ImmediateLoadDles

SlaveMonitorConf

	Width	1024
	Height	768
	DefaultVisual	
5	Class	DirectColor
	Depth	24

## ***2x2, non-Scalable, Use Private Fast Lan***

10        In this example, a 2x2 SLS/d configuration is established (See FIG. 27) using  
 hpmast for the Master and hpslave1, hpslave2, hpslave3, and hpslave4 for the slaves. All  
 slaves can use /dev/crt as their graphics devices and no other options are required. The  
 configuration file may be as follows:

```

15        hpmast: /etc/X11/X0screens

          Slave
              Hostname hpslave1
              FastLanAddr 192.1.0.1
20        FastLanType Private
          End

          Slave
              Hostname hpslave2
25        FastLanAddr 192.1.0.2
              FastLanType Private
          End

          Slave
30        Hostname hpslave3
              FastLanAddr 192.1.0.3
              FastLanType Private
          End

35        Slave
              Hostname hpslave4
              FastLanAddr 192.1.0.4
              FastLanType Private
          End
40        SLSd
              hpslave1 hpslave2
              hpslave3 hpslave4

45        SlaveLayout
              Rows 2
              Columns 2

```